Journal of the Neurological Sciences, 117 (1993) 250–251
Elsevier Science Publishers B.V.

Contents of Volume 117

Number 1, 2 – July 1993

Review article

Geographic variations in Wilson's disease
N.-S. Chu and T.-P. Hung (Taiwan) 1

Research articles

Oxidative polymorphism of debrisoquine is not related to the risk of Alzheimer's disease
J. Benítez, M.S. Barquero, F. Coria, J.A. Molina, F.J. Jiménez-Jiménez and J.M. Ladero (Spain) 8

Screening of the mis-sense mutation producing the ^{717}Val → Ile substitution in the amyloid precursor protein in Japanese familial and sporadic Alzheimer's disease
T. Yoshizawa, Y. Komatsuzaki, H. Iwamoto, H. Mizusawa and I. Kanazawa (Japan) 12

Ambulatory monitoring of tremor and other movements before and after thalamotomy: a new quantitative technique
E.J.W. Van Someren, W.A. Van Gool, B.F.M. Vonk, M. Mirmiran, J.D. Speelman, D.A. Bosch and D.F. Swaab (The Netherlands) 16

Multiple deletions of mitochondrial DNA in a patient with periodic attacks of paralysis
A. Prelle, M. Moggio, N. Checcarelli, G. Comi, N. Bresolin, A. Battistel, A. Bordoni and G. Scarlato (Italy) 24

Effects of smoking in patients with early-onset Parkinson's disease
A. Ishikawa and T. Miyatake (Japan) 28

Neuronal cell loss of the striatonigral system in multiple system atrophy
A. Kume, A. Takahashi and Y. Hashizume (Japan) 33

Whole blood monoamine oxidase activity in Parkinson's disease and multiple system atrophy patients
M.A. Kuiper, C.H. Konings, P.L.M. Bergmans and E.C. Wolters (The Netherlands) 41

A new analysis of mortality from motor neurone disease in Japan, 1950–1990: rise and fall in the postwar years
S. Neilson, I. Robinson and K. Kondo (UK, Japan) 46

Treatment of spasticity in children with low dose benzodiazepine
M. Dahlin, E. Knutsson and A. Nergårdh (Sweden) 54

Nodal and terminal sprouting by regenerating nerve in vitamin E-deficient rats
R. Cuppini, T. Cecchini, S. Ciaroni, P. Ambrogini and P. Del Grande (Italy) 61

Photochemically induced experimental ischemic neuropathy: a clinical, electrophysiological and immunohistochemical study
H. Wiethölter, J. Krüger, C. Melville and C.-P. Cornelius (Germany) 68

Subclinical phenotypic expressions in heterozygous females of X-linked recessive bulbospinal neuronopathy
G. Sobue, M. Doyu, T. Kachi, T. Yasuda, E. Mukai, T. Kumagai and T. Mitsuma (Japan) 74

A model for monitoring nerve blood flow during expansion by laser Doppler flowmetry in the rabbit
L.P. Van der Wey, T.W. Polder, M.M. Hoogbergen and P.H.M. Spauwen (Netherlands) 79

Phenotypic expression of mtDNA heteroplasmy in the skeletal muscle of patients with oculomyopathy: defect in mitochondrial protein synthesis
H. Sudoyo, S. Marzuki, E. Byrne and F. Mastaglia (Australia) 83

Effect of sera from myasthenia gravis patients and of α-bungarotoxin on acetylcholinesterase during in vitro neuromuscular synaptogenesis
S. De la Porte, F. Ragueh, B. Eymard, P. Courbin, J. Chapron and J. Koenig (France) 92

Patients with chronic glucocorticoid treatment develop changes in muscle glycogen metabolism
J. Fernandez-Sola, R. Cusso, C. Picado, M. Vernet, J.M. Grau and A. Urbano-Marquez (Spain) 103

The effects of high and low BACs on the Hoffmann reflex
M.Q. Wang, M.E. Nicholson, B.S. Mahoney, Y. Li, E.C. Fitzhugh and J. Shea (USA) 107

HIV-1 specificity of cerebrospinal fluid and serum IgG, IgM, and IgG1–G4 antibodies in relation to clinical disease
I. Elovaara, P.S. Albert, A. Ranki, K. Krohn and I. Seppälä (Finland, USA) 111

Individual specific bias usage of HLA-DR antigens in the restriction of myelin basic protein-reactive T cell clones
C. Rohowsky-Kochan, D. Eiman and S.D. Cook (USA) 120

Autoreactive T and B cell responses to myelin antigens after diagnostic sural nerve biopsy
T. Olsson, J.-B. Sun, G. Solders, B.-G. Xiao, B. Höjeberg, H.-P. Ekre and H. Link (Sweden) 130

Cytotoxicity of T cells for cerebral endothelium in multiple sclerosis
N. Tsukada, M. Matsuda, K. Miyagi and N. Yanagisawa (Japan) 140

Contrasting effects of immunosuppression on herpes simplex virus type I (HSV I) induced central nervous system (CNS) demyelination in mice
L.F. Kastrukoff, A.S. Lau, G.Y. Leung and E.E. Thomas (Canada) 148

Immunocytochemical studies on the vimentin distribution and cell proliferation of fibroblasts in patients with Friedreich's ataxia
I. Willers, B. Ressler, S. Singh and A.H. Koeppen (Germany, USA) 159

Immunohistochemical studies with antibodies to neurofilament proteins on axonal damage in experimental focal lesions in rat
D. Meller, B.-M. Bellander, R. Schmidt-Kastner and M. Ingvar (Sweden) 164

Pre- and post-mortem MR imaging of unsuspected multiple sclerosis in a patient with Alzheimer's disease
F. Barkhof, P. Scheltens and W. Kamphorst (The Netherlands) 175

Primary progressive versus relapsing remitting multiple sclerosis in Japanese patients: a combined clinical, magnetic

resonance imaging and multimodality evoked potential study
J.-i. Kira, S. Tobimatsu, I. Goto and K. Hasuo (Japan) 179

Immunoglobulin G subclasses in older persons with Down syndrome
P.D. Mehta, A.J. Dalton, S.P. Mehta, M.E. Percy, E.A. Sersen and H.M.Wisniewski (USA, Canada) 186

Serum prolactin levels in active multiple sclerosis and during cyclosporin treatment
A.T. Reder and M.T. Lowy (USA) 192

Detection and quantification of antibodies to the extracellular domain of P0 during experimental allergic neuritis
J.J. Archelos, K. Roggenbuck, J. Schneider-Schaulies, K.V. Toyka and H.-P. Hartung (Germany) 197

Reactivity of neuroborreliosis patients (Lyme disease) to cardiolipin and gangliosides
J.C. García Moncó, C.M. Wheeler, J.L. Benach, R.A. Furie, S.A. Lukehart, G. Stanek and A.C. Steere (USA, Austria) 206

Posterior uveitis, paraneoplastic encephalomyelitis and autoantibodies reacting with developmental protein of brain and retina
J.C. Antoine, J. Honnorat, C. Vocanson, F. Koenig, M. Aguera, M.F. Belin and D. Michel (France) 215

Brain embolic phenomena associated with cardiopulmonary bypass
V.R. Challa, D.M. Moody and B.T. Troost (USA) 224

Right proatlantal artery type I, right internal carotid occlusion, and left internal carotid stenosis: case report and review of the literature
R. Kolbinger, W. Heindel, G. Pawlik and H. Erasmi-Körber (Germany) 232

Duration dependent post-ischemic hypothermia alleviates cortical damage after transient middle cerebral artery occlusion in the rat
Z.G. Zhang, M. Chopp and H. Chen (USA) 240

Book reviews 245

Author Index (Vol. 117) 246

Subject Index (Vol. 117) 249